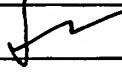
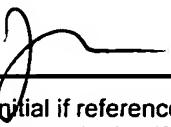
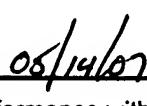


INFORMATION DISCLOSURE CITATION

Atty. Docket No.: 05495.0001-10		Application No.: Not Yet Assigned					
Applicants: Lutz G. GUERTLER et al.							
Filed: Herewith		Group Art Unit: Not Yet Assigned					
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
		5,304,466	04/1994	De Leys et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub Class	Translation Yes or No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		De Leys et al., "Isolation and Partial Characterization of an Unusual Human Immunodeficiency Retrovirus from Two Persons of West-Central African Origin," <i>J. Virol.</i> 64:1207-16 (1990).					
		Gürtler et al., "A New Subtype of Human Immunodeficiency Virus Type 1 (MVP-5180) from Cameroon," <i>J. Virol.</i> 68:1581-85 (1994).					
		Vanden Haesevelde et al., "Genomic Cloning and Complete Sequence Analysis of a Highly Divergent African Human Immunodeficiency Virus Isolate," <i>J. Virol.</i> 68:1586-96 (1994).					
		Rehle et al., "Int. Conf. AIDS (Netherlands)," Vol. 8, No. 3, p. 34, ab. P.A. 6138.					
		Gürtler et al., "Int. Conf. AIDS (Germany)," Vol. 9, No. 1, p. 159, ab. PO-A10-147 (1993).					
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		Sharp et al., "Origins and Diversity of Human Immunodeficiency Viruses," <i>AIDS</i> , 8 (Suppl. 1):S27-S42 (1994).					
		Vanden Haesevelde et al., "Molecular Cloning and Complete Sequence Analysis of a Highly Divergent African HIV Isolate," International Conference AIDS (1991).					
		Roitt et al., "Immunology," pp. 61-66, Gower Med. Publishing (1985).					
		Fahey & Schooley, "Status of Immune-Based Therapies in HIV Infections and AIDS," <i>Clinical Exp. Immunol.</i> 88:1-5 (1992).					
		Fox, "No Winners Against AIDS," <i>Bio/Technology</i> , Vol. 12 (1994).					
Examiner 		Date Considered  06/14/04					
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

10/11/06

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

OCT 11 2006
U.S. PATENT & TRADEMARK OFFICE
C.I.P.E. (APR 2006)

Complete if Known

Sheet	1	of	3	Attorney Docket Number	5495.0001-10
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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
✓		US- 4,803,156	02-07-1989	Neurath et al.	
✓		US- 5,019,510	05-28-1991	Wain-Hobson et al.	
✓		US- 5,034,511	07-23-1991	Alizon et al.	
✓		US- 5,141,867	08-25-1992	Ivanoff et al.	
✓		US- 5,420,030	05-30-1995	Reitz, Jr. et al.	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

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Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation or English Equivalent ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
✓		AU 8821172	04-13-1989	Putney et al.		
✓		DE 3711016	10-08-1987	Crowl et al.		US- 4,925,784
✓		EP 181150	05-14-1986	Luciw et al.		
✓		EP 185444	06-25-1986	Chang et al.		
✓		EP 187041	07-09-1986	Capon et al.		
✓		EP 199301	10-29-1986	Crowl et al.		
✓		EP 201716	11-20-1986	Watanabe et al.		
✓		EP 227169	07-01-1987	Berman et al.		
✓		EP 255190	02-03-1988	Putney et al.		
✓		EP 265785	05-04-1988	Cochran et al.		
✓		EP 272858	06-29-1988	Rusche et al.		
✓		EP 311228	04-12-1989	Putney et al.		
✓		EP 327180	08-09-1989	Smith et al.		
✓		EP 345792	12-13-1989	Longiaru et al.		
✓		EP 370458	05-30-1990	Devare et al.		
✓		EP 518443	12-16-1992	Luciw et al.		
✓		EP 552850	07-28-1993	Chang et al.		
✓		FR 2677364	12-11-1992	Traincard et al.		English Abstract
✓		GB 2188639	10-07-1987	Crowl et al.		

Examiner Signature		Date Considered	05/14/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				<i>Application Number</i>	10/829,442
				<i>Filing Date</i>	April 22, 2004
				<i>First Named Inventor</i>	Lutz G. GUERTLER
				<i>Art Unit</i>	1648
				<i>Examiner Name</i>	J. Parkin
Sheet	2	of	3	Attorney Docket Number	5495.0001-10

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	JP1179687	07-17-1989	Kagaku Oyobi Kessei Ryoho		English Abstract
	WO 86/02383	04-24-1986	Montagnier et al.		
	WO 87/02038	04-09-1987	Hu et al.		
	WO 87/07906	12-30-1987	Alizon et al.		
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	WO 89/09785	10-19-1989	Compans et al.		
	WO 90/02568	03-22-1990	Haigwood		
	WO 90/13630	11-15-1990	Barre-Sinoussi et al.		English Abstract
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	WO 92/16556	10-01-1992	van Wijnendale		
	WO 92/22654	12-23-1992	Smith et al.		
	WO 93/10816	06-10-1993	Sastray et al.		
↓	WO 93/17705	09-16-1993	Essex et al.		

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		Translation ⁶	
↓		Alignment of GenBank sequences of MvP-5180 and ANT70 viruses. [Reference D7 from opposition of European Patent No. 0 591 914]			
↓		Alignment of sequence in Table 3 to the corresponding sequence in ANT70 virus. [Reference D24 from opposition of European Patent No. 0 591 914]			
↓		Alignment of the complete nucleotide sequence of MvP-5180 to the corresponding sequence of the ANT70 virus. [Reference D25 from opposition of European Patent No. 0 591 914.]			
↓		Alizon, M. et al., "Genetic Variability of the AIDS Virus: Nucleotide Sequence Analysis of Two Isolates from African Patients." <i>Cell</i> 46:63-74 (1986).			
↓		Anand, R. et al., "Biological and Molecular Characterization of Human Immunodeficiency Virus (HIV-1 _{BR}) from the Brain of a Patient with Progressive Dementia." <i>Virol.</i> 168:79-89 (1989).			
↓		Andeweg, A.C. et al., "Genetic and Functional Analysis of a Set of HIV-1 Envelope Genes Obtained from Biological Clones with Varying Syncytium-Inducing Capacities." <i>AIDS Res. Hum. Retroviruses</i> 8:1803-13 (1992).			
↓		Cheng-Mayer, C. et al., "Viral Determinants of Human Immunodeficiency Virus Type 1 T-Cell or Macrophage Tropism, Cytopathogenicity, and CD4 Antigen Modulation." <i>J. Virol.</i> 64:4390-98 (1990).			

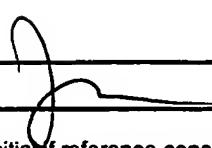
Examiner Signature		Date Considered	05/14/07
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				Application Number	10/829,442
				Filing Date	April 22, 2004
				First Named Inventor	Lutz G. GUERTLER
				Art Unit	1648
				Examiner Name	J. Parkin
Sheet	3	of	3	Attorney Docket Number	5495.0001-10

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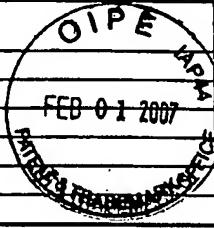
✓	Groenink, M. et al., "Phenotype-Associated Env Gene Variation Among Eight Related Human Immunodeficiency Virus Type 1 Clones: Evidence for in Vivo Recombination and Determinants of Cytotropism Outside the V3 Domain." <i>J. Virol.</i> 66:6175-80 (1992).
✓	Li, Y. et al., "Complete Nucleotide Sequence, Genome Organization, and Biological Properties of Human Immunodeficiency Virus Type 1 in Vivo: Evidence for Limited Defectiveness and Complementation." <i>J. Virol.</i> 66:6587-6600 (1992).
✓	NCBI Accession No. L20571, amino acid and nucleotide sequences of MvP-5180 HIV isolate. [Reference D10 from opposition of European Patent No. 0 591 914]
✓	NCBI Accession No. L20587, amino acid and nucleotide sequences of ANT70 HIV isolate. [Reference D9 from opposition of European Patent No. 0 591 914]
✓	Schmidtmayerova, H. et al., "Characterization of HIV1-PAR, a Macrophage-Tropic Strain: Cell Tropism, Virus/Cell Entry and Nucleotide Sequence of the Envelope Glycoprotein." <i>Res. Virol.</i> 144:21-26 (1993).
✓	Sequence comparison of ANT70 and MvP-5180 viruses. [Reference D30 from opposition of European Patent No. 0 591 914]
✓	Sequence comparison of ANT70 and MvP-5180 viruses. [Reference D32 from opposition of European Patent No. 0 591 914]
✓	Sequence comparison of MvP-5180 virus nucleotide sequence with other nucleotide sequences. [Reference D34 from opposition of European Patent No. 0 591 914]
✓	Srinivasan, A. et al., "Molecular Characterization of HIV-1 Isolated from a Serum Collected in 1976: Nucleotide Sequence Comparison to Recent Isolates and Generation of Hybrid HIV." <i>AIDS Res. Hum. Retroviruses</i> 5:121-29 (1989).
↓	Srinivasan, A. et al., "Molecular Characterization of Human Immunodeficiency Virus from Zaire: Nucleotide Sequence Analysis Identifies Conserved and Variable Domains in the Envelope Gene." <i>Gene</i> 52:71-82 (1987).

Examiner Signature		Date Considered	05/14/07
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02/01/07

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/829,442
(Use as many sheets as necessary)				Filing Date	April 22, 2004
				First Named Inventor	Lutz G. GUERTLER
				Art Unit	1648
				Examiner Name	J. Parkin
Sheet	1	of	1	Attorney Docket Number	5495.0001-10



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NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Ou, C.Y. et al., "DNA Amplification for Direct Detection of HIV-1 in DNA of Peripheral Blood Mononuclear Cells." <i>Science</i> 239:295-97 (1988).	

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